

## WEST Search History for Application 10580398

Creation Date: 2009062119:13

Query	DB	Op.	Plur.	Thes.	Date
((partial\$ or few\$2 or reduc\$3 or minimum) near3 (symbol\$ or signal\$ or pulse\$ or bit\$) near2 (demodulat\$3 or detect\$3)) same ((channel\$2 or impulse\$) near3 (estimat\$3 or detect\$3)) same (likelihood near3 (estimat\$3 or detect\$3 or decod\$3 or demodulat\$3)))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		06-21-2009
((partial\$ or few\$2 or reduc\$3 or minimum) near3 (symbol\$ or signal\$ or pulse\$ or bit\$) near2 (demodulat\$3 or detect\$3)) and ((channel\$2 or impulse\$) near3 (estimat\$3 or detect\$3)) and (likelihood near3 (estimat\$3 or detect\$3 or decod\$3 or demodulat\$3)))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		06-21-2009
(@ad<=20031126)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		06-21-2009
(375/316.ccls. or 375/267.ccls. or 375/347.ccls. or 375/341.ccls. or 375/261.ccls. or 375/140.ccls. or 375/141.ccls. or 375/144.ccls. or 375/147.ccls. or 375/148.ccls. or 455/132.ccls. or 714/746.ccls. or 714/752.ccls. or 714/761.ccls. or 714/786.ccls. or 714/787.ccls. or 714/788.ccls. or 714/794.ccls.)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		06-21-2009
(375/\$7.ccls. or 455/\$7.ccls. or 370/\$7.ccls. or 714/\$7.ccls.)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		06-21-2009
((partial\$ or few\$2 or reduc\$3 or minimum) near3 (symbol\$ or signal\$ or pulse\$ or bit\$) near2 (demodulat\$3 or detect\$3)) same ((channel\$2 or impulse\$) near3 (estimat\$3 or detect\$3)) same (likelihood near3 (estimat\$3 or detect\$3 or decod\$3 or demodulat\$3))) ) and	PGPB, USPT, USOC, EPAB, JPAB,	OR	YES		06-21-2009

((@ad<=20031126) )	DWPI, TDBD				
(((partial\$ or few\$2 or reduc\$3 or minimum) near3 (symbol\$ or signal\$ or pulse\$ or bit\$) near2 (demodulat\$3 or detect\$3)) and ((channel\$2 or impulse\$) near3 (estimat\$3 or detect\$3)) and (likelihood near3 (estimat\$3 or detect\$3 or decod\$3 or demodulat\$3))) ) and ((@ad<=20031126) ) and ((375/316.ccls. or 375/267.ccls. or 375/347.ccls. or 375/341.ccls. or 375/261.ccls. or 375/140.ccls. or 375/141.ccls. or 375/144.ccls. or 375/147.ccls. or 375/148.ccls. or 455/132.ccls. or 714/746.ccls. or 714/752.ccls. or 714/761.ccls. or 714/786.ccls. or 714/787.ccls. or 714/788.ccls. or 714/794.ccls.)) )	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		06-21-2009
(((partial\$ or few\$2 or reduc\$3 or minimum) near3 (symbol\$ or signal\$ or pulse\$ or bit\$) near2 (demodulat\$3 or detect\$3)) and ((channel\$2 or impulse\$) near3 (estimat\$3 or detect\$3)) and (likelihood near3 (estimat\$3 or detect\$3 or decod\$3 or demodulat\$3))) ) and ((@ad<=20031126) ) and ((375//7.ccls. or 455/7.ccls. or 370/7.ccls. or 714/7.ccls.)) not ( (((partial\$ or few\$2 or reduc\$3 or minimum) near3 (symbol\$ or signal\$ or pulse\$ or bit\$) near2 (demodulat\$3 or detect\$3)) same ((channel\$2 or impulse\$) near3 (estimat\$3 or detect\$3)) same (likelihood near3 (estimat\$3 or detect\$3 or decod\$3 or demodulat\$3))) and (@ad<=20031126) ) or (((partial\$ or few\$2 or reduc\$3 or minimum) near3 (symbol\$ or signal\$ or pulse\$ or bit\$) near2 (demodulat\$3 or detect\$3)) and ((channel\$2 or impulse\$) near3 (estimat\$3 or detect\$3)) and (likelihood near3 (estimat\$3 or detect\$3 or decod\$3 or demodulat\$3))) and (@ad<=20031126) and (375/316.ccls. or 375/267.ccls. or 375/347.ccls. or 375/341.ccls. or 375/261.ccls. or 375/140.ccls. or 375/141.ccls. or 375/144.ccls. or 375/147.ccls. or 375/148.ccls. or 455/132.ccls. or 714/746.ccls. or 714/752.ccls. or 714/761.ccls. or 714/786.ccls. or 714/787.ccls. or 714/788.ccls. or 714/794.ccls.)) )	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		06-21-2009
(murakami.inv. or kobayashi.inv. or orihashi.inv. or matsuoka.inv.)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		06-21-2009
(partial\$ near3 bit\$ near2 (demodulat\$3 or detect\$3)) same ((channel\$2 or impulse\$) near3 (estimat\$3 or detect\$3)) same (likelihood near3 (estimat\$3 or detect\$3 or decod\$3 or demodulat\$3))	PGPB, USPT, USOC, EPAB, JPAB,	OR	YES		06-21-2009

	DWPI, TDBD				
((partial\$ near3 bit\$ near2 (demodulat\$3 or detect\$3)) and ((channel\$2 or impulse\$) near3 (estimat\$3 or detect\$3)) and (likelihood near3 (estimat\$3 or detect\$3 or decod\$3 or demodulat\$3))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		06-21-2009
((partial\$ near3 bit\$ near2 (demodulat\$3 or detect\$3)) and ((channel\$2 or impulse\$) near3 (estimat\$3 or detect\$3)) and (likelihood near3 (estimat\$3 or detect\$3 or decod\$3 or demodulat\$3)) ) and ((@ad<=20031126) )	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		06-21-2009
((murakami.inv. or kobayashi.inv. or orihashi.inv. or matsuoaka.inv. ) and (((partial\$ or few\$2 or reduc\$3 or minimum) near3 (symbol\$ or signal\$ or pulse\$ or bit\$) near2 (demodulat\$3 or detect\$3)) and ((channel\$2 or impulse\$) near3 (estimat\$3 or detect\$3)) and (likelihood near3 (estimat\$3 or detect\$3 or decod\$3 or demodulat\$3))) )	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		06-21-2009
(invert\$3 near3 minimum near3 euclidian) same (maximum near3 euclidian near3 distance\$)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		06-21-2009
(invert\$3 near3 minimum near3 euclidian) and (maximum near3 euclidian near3 distance\$)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		06-21-2009
("20020191535" "5892879" "6115435" "20020131515").PN.	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		06-21-2009